BRUHAT BANGALORE MAHANAGARA PALIKE

Name Of Work: PROVIDING DRINKING WATER FACILITIES IN JALAHALLI VILLAGE COLONY AND SURROUNDING AREAS IN WARD NO 16 JALAHALLI.

Measurement Sheet

First and Final

Item No:	4									
Item Name:	Cutting of road surface for pipeline trenches and disposing of the excavated stuff as directed including barricading, danger lighting etc., in the Asphalt surface road. (P.No.257/I.No. 37.38 of CSR 2015-16)									
SLNO	CHAINAGE		NO	L	B	B1	Avg B	D	QTY	REMARKS
	Land Mark			(m)	(m)	(m)	(m)	(m)		
	5th cross (LHS)									
	0.00	30.00	1	30.00	0.30	0.30	0.30	0.150	1.35	
	30.00	60.00	1	30.00	0.30	0.30	0.30	0.150	1.35	
	60.00	90.00	1	30.00	0.30	0.30	0.30	0.150	1.35	
	90.00	115.00	1	25.00	0.30	0.30	0.30	0.150	1.13	
	5th cross (RHS)									
	0.00	30.00	1	30.00	0.30	0.30	0.30	0.150	1.35	
	30.00	60.00	1	30.00	0.30	0.30	0.30	0.150	1.35	
	60.00	90.00	1	30.00	0.30	0.30	0.30	0.150	1.35	
	90.00	115.00	1	25.00	0.30	0.30	0.30	0.150	1.13	
	4th cross upto A cross (LHS)									
	0.00	30.00	1	30.00	0.30	0.30	0.30	0.150	1.35	
	30.00	60.00	1	30.00	0.30	0.30	0.30	0.150	1.35	
	60.00	90.00	1	30.00	0.30	0.30	0.30	0.150	1.35	
	90.00	120.00	1	30.00	0.30	0.30	0.30	0.150	1.35	
	120.00	150.00	1	30.00	0.30	0.30	0.30	0.150	1.35	
	150.00	180.00	1	30.00	0.30	0.30	0.30	0.150	1.35	
	180.00	210.00	1	30.00	0.30	0.30	0.30	0.150	1.35	
	210.00	240.00	1	30.00	0.30	0.30	0.30	0.150	1.35	
	240.00	270.00	1	30.00	0.30	0.30	0.30	0.150	1.35	
	270.00	300.00	1	30.00	0.30	0.30	0.30	0.150	1.35	
	300.00	330.00	1	30.00	0.30	0.30	0.30	0.150	1.35	
	330.00	360.00	1	30.00	0.30	0.30	0.30	0.150	1.35	
	360.00	381.00	1	21.00	0.30	0.30	0.30	0.150	0.95	
	3rd cross (LHS)									
	0.00	30.00	1	30.00	0.30	0.30	0.30	0.150	1.35	
	30.00	60.00	1	30.00	0.30	0.30	0.30	0.150	1.35	
	60.00	90.00	1	30.00	0.30	0.30	0.30	0.150	1.35	
	90.00	120.00	1	30.00	0.30	0.30	0.30	0.150	1.35	
	120.00	150.00	1	30.00	0.30	0.30	0.30	0.150	1.35	
	150.00	180.00	1	30.00	0.30	0.30	0.30	0.150	1.35	

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SLNO	CHAINAGE		NO	L	B	B1	Avg B	D	QTY	REMARKS
	Land Mark			(m)	(m)	(m)	(m)	(m)		
	180.00	210.00	1	30.00	0.30	0.30	0.30	0.150	1.35	
	210.00	229.00	1	19.00	0.30	0.30	0.30	0.150	0.86	
	2nd main road from circle to 3rd cross connection (LHS)									
	0.00	30.00	1	30.00	0.30	0.30	0.30	0.150	1.35	
	30.00	60.00	1	30.00	0.30	0.30	0.30	0.150	1.35	
	60.00	90.00	1	30.00	0.30	0.30	0.30	0.150	1.35	
	90.00	120.00	1	30.00	0.30	0.30	0.30	0.150	1.35	
	120.00	150.00	1	30.00	0.30	0.30	0.30	0.150	1.35	
	150.00	180.00	1	30.00	0.30	0.30	0.30	0.150	1.35	
	180.00	198.00	1	18.00	0.30	0.30	0.30	0.150	0.81	
	3rd cross 2nd sub road (LHS)									
	0.00	31.00	1	31.00	0.30	0.30	0.30	0.150	1.40	
	3rd cross 3rd sub road (LHS)									
	0.00	25.00	1	25.00	0.30	0.30	0.30	0.150	1.13	
	3rd cross 3rd sub road (LHS) upto A cross sharada ladies tailor									
	0.00	30.00	1	30.00	0.30	0.30	0.30	0.150	1.35	
	30.00	65.00	1	35.00	0.30	0.30	0.30	0.150	1.58	
	3rd cross 3rd sub road (RHS) upto A cross sharada ladies tailor									
	0.00	30.00	1	30.00	0.30	0.30	0.30	0.150	1.35	
	30.00	65.00	1	35.00	0.30	0.30	0.30	0.150	1.58	
	A cross upto water tank from 4th cross (LHS)									
	0.00	24.00	1	24.00	0.30	0.30	0.30	0.150	1.08	
	A cross upto water tank from 4th cross (RHS)									
	0.00	24.00	1	24.00	0.30	0.30	0.30	0.150	1.08	
	from 3rd cross sub road to 2nd cross (LHS)									
	0.00	30.00	1	30.00	0.30	0.30	0.30	0.150	1.35	
	30.00	65.00	1	35.00	0.30	0.30	0.30	0.150	1.58	
	2nd cross (LHS)									
	0.00	30.00	1	30.00	0.30	0.30	0.30	0.150	1.35	
	30.00	60.00	1	30.00	0.30	0.30	0.30	0.150	1.35	
	60.00	81.00	1	21.00	0.30	0.30	0.30	0.150	0.95	
	2nd cross sub road (LHS)									
	0.00	19.00	1	19.00	0.30	0.30	0.30	0.150	0.86	
	2nd main road from 3rd cross to 4th cross (LHS)									
	0.00	30.00	1	30.00	0.30	0.30	0.30	0.150	1.35	
	30.00	60.00	1	30.00	0.30	0.30	0.30	0.150	1.35	
	60.00	90.00	1	30.00	0.30	0.30	0.30	0.150	1.35	
	90.00	120.00	1	30.00	0.30	0.30	0.30	0.150	1.35	
	120.00	141.00	1	21.00	0.30	0.30	0.30	0.150	0.95	
	2nd main road from 3rd cross to 4th cross (RHS)									

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SLNO	CHAINAGE		NO	L	B	B1	Avg B	D	QTY	REMARKS
	Land Mark			(m)	(m)	(m)	(m)	(m)		
	420.00	450.00	1	30.00	0.30	0.30	0.30	0.150	1.35	
	450.00	470.00	1	20.00	0.30	0.30	0.30	0.150	0.90	
	From annapoorenswari coffee work to Jalahalli village Bus stop(LHS)									
	0.00	30.00	1	30.00	0.30	0.30	0.30	0.150	1.35	
	30.00	50.00	1	20.00	0.30	0.30	0.30	0.150	0.90	
	From annapoorenswari coffee work to Jalahalli village Bus stop(RHS)									
	0.00	30.00	1	30.00	0.30	0.30	0.30	0.150	1.35	
	30.00	50.00	1	20.00	0.30	0.30	0.30	0.150	0.90	
								Total Qty Work Done	117.09	Cum
								Qty Payable in this bill	117.05	Cum

Contractor Representative

Asst Engineer 3/5/18
Ward no.16,BBMP

CIVIL QUALITY CONSULTANTS & ENGINEERS

Consultant Representative

5/5/18
Asst.Executive Engineer
Yashwanthapura Sub Division,BBMP

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BRUHAT BANGALORE MAHANAGARA PALIKE

Name Of Work: PROVIDING DRINKING WATER FACILITIES IN JALAHALLI VILLAGE COLONY AND SURROUNDING AREAS IN WARD NO 16 JALAHALLI.

Measurement Sheet

First and Final

Item No: 5

Item Name: Providing and fixing Chorinated Poly Venyl Chloride (CPVC) pipes conforming to IS 15778 having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings, this includes jointing of pipes and fittings with one step solvent cement, trenching, refilling & testing of joints complete. (external work). - 50mm nominal OD pipes

SLNO	CHAINAGE Land Mark		NO	L (m)	B (m)	B1 (m)	Avg B (m)	D (m)	QTY	REMARKS
	from raghavendra sweets to MES main road (LHS)									
	0.00	30.00	1	30.00					30.00	
	30.00	60.00	1	30.00					30.00	
	60.00	90.00	1	30.00					30.00	
	90.00	120.00	1	30.00					30.00	
	120.00	150.00	1	30.00					30.00	
	150.00	180.00	1	30.00					30.00	
	180.00	210.00	1	30.00					30.00	
	210.00	240.00	1	30.00					30.00	
	240.00	270.00	1	30.00					30.00	
	270.00	300.00	1	30.00					30.00	
	300.00	330.00	1	30.00					30.00	
	330.00	360.00	1	30.00					30.00	
	360.00	375.00	1	15.00					15.00	
	from raghavendra sweets to MES main road (RHS)									
	0.00	30.00	1	30.00					30.00	
	30.00	60.00	1	30.00					30.00	
	60.00	90.00	1	30.00					30.00	
	90.00	120.00	1	30.00					30.00	
	120.00	150.00	1	30.00					30.00	
	150.00	180.00	1	30.00					30.00	
	180.00	210.00	1	30.00					30.00	
	210.00	240.00	1	30.00					30.00	
	240.00	275.00	1	35.00					35.00	
	7th cross road from indira canteen to 1st main road(LHS)									
	0.00	30.00	1	30.00					30.00	
	30.00	60.00	1	30.00					30.00	
	60.00	90.00	1	30.00					30.00	

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SLNO	CHAINAGE		NO	L	B	B1	Avg B	D	QTY	REMARKS
	Land Mark			(m)	(m)	(m)	(m)	(m)		
	90.00	119.00	1	29.00					29.00	
	6th cross (LHS)									
	0.00	30.00	1	30.00					30.00	
	30.00	60.00	1	30.00					30.00	
	60.00	90.00	1	30.00					30.00	
	90.00	106.00	1	16.00					16.00	
	6th cross (RHS)									
	0.00	30.00	1	30.00					30.00	
	30.00	60.00	1	30.00					30.00	
	60.00	90.00	1	30.00					30.00	
	90.00	96.00	1	6.00					6.00	
	5th cross (LHS)									
	0.00	30.00	1	30.00					30.00	
	30.00	60.00	1	30.00					30.00	
	60.00	90.00	1	30.00					30.00	
	90.00	115.00	1	25.00					25.00	
	5th cross (RHS)									
	0.00	30.00	1	30.00					30.00	
	30.00	60.00	1	30.00					30.00	
	60.00	90.00	1	30.00					30.00	
	90.00	115.00	1	25.00					25.00	
	4th cross upto A cross (LHS)									
	0.00	30.00	1	30.00					30.00	
	30.00	60.00	1	30.00					30.00	
	60.00	90.00	1	30.00					30.00	
	90.00	120.00	1	30.00					30.00	
	120.00	150.00	1	30.00					30.00	
	150.00	180.00	1	30.00					30.00	
	180.00	210.00	1	30.00					30.00	
	210.00	240.00	1	30.00					30.00	
	240.00	270.00	1	30.00					30.00	
	270.00	300.00	1	30.00					30.00	
	300.00	330.00	1	30.00					30.00	
	330.00	360.00	1	30.00					30.00	
	360.00	381.00	1	21.00					21.00	
	3rd cross (LHS)									
	0.00	30.00	1	30.00					30.00	
	30.00	60.00	1	30.00					30.00	
	60.00	90.00	1	30.00					30.00	
	90.00	120.00	1	30.00					30.00	

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SLNO	CHAINAGE		NO	L	B	B1	Avg B	D	QTY	REMARKS
	Land Mark			(m)	(m)	(m)	(m)	(m)		
	30.00	60.00	1	30.00					30.00	
	60.00	81.00	1	21.00					21.00	
	2nd cross sub road (LHS)									
	0.00	19.00	1	19.00					19.00	
	2nd main road from 3rd cross to 4th cross (LHS)									
	0.00	30.00	1	30.00					30.00	
	30.00	60.00	1	30.00					30.00	
	60.00	90.00	1	30.00					30.00	
	90.00	120.00	1	30.00					30.00	
	120.00	141.00	1	21.00					21.00	
	2nd main road from 3rd cross to 4th cross (RHS)									
	0.00	30.00	1	30.00					30.00	
	30.00	60.00	1	30.00					30.00	
	60.00	90.00	1	30.00					30.00	
	90.00	120.00	1	30.00					30.00	
	120.00	141.00	1	21.00					21.00	
	sub road from 5th cross to 4th cross upto hanumanth temple									
	0.00	29.00	1	29.00					29.00	
	sub road from 5th cross to 4th cross upto hanumanth temple (RHS)									
	0.00	29.00	1	29.00					29.00	
	4th cross sub road connecting to 3rd cross (LHS)									
	0.00	30.00	1	30.00					30.00	
	30.00	60.00	1	30.00					30.00	
	60.00	75.00	1	15.00					15.00	
	4th cross sub road connecting to 3rd cross (RHS)									
	0.00	30.00	1	30.00					30.00	
	30.00	60.00	1	30.00					30.00	
	60.00	90.00	1	30.00					30.00	
	90.00	120.00	1	30.00					30.00	
	120.00	128.00	1	8.00					8.00	
	6th cross from 4th cross to water tank (LHS)								0.00	
	0.00	26.00	1	26.00					26.00	
	6th cross from 4th cross to water tank (RHS)								0.00	
	0.00	26.00	1	26.00					26.00	
	from jalahally village bus stop to 9th main road sharadamba nagara (LHS)									
	0.00	30.00	1	30.00					30.00	
	30.00	60.00	1	30.00					30.00	
	60.00	90.00	1	30.00					30.00	

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SLNO	CHAINAGE Land Mark		NO	L (m)	B (m)	B1 (m)	Avg B (m)	D (m)	QTY	REMARKS
	90.00	120.00	1	30.00					30.00	
	120.00	150.00	1	30.00					30.00	
	150.00	180.00	1	30.00					30.00	
	180.00	210.00	1	30.00					30.00	
	210.00	240.00	1	30.00					30.00	
	240.00	270.00	1	30.00					30.00	
	270.00	300.00	1	30.00					30.00	
	300.00	330.00	1	30.00					30.00	
	330.00	360.00	1	30.00					30.00	
	360.00	390.00	1	30.00					30.00	
	390.00	420.00	1	30.00					30.00	
	420.00	450.00	1	30.00					30.00	
	450.00	470.00	1	20.00					30.00	
	20.00									
	From annapoorenswari coffee work to Jalahalli village Bus stop(LHS)									
	0.00	30.00	1	30.00					30.00	
	30.00	50.00	1	20.00					20.00	
	From annapoorenswari coffee work to Jalahalli village Bus stop(RHS)									
	0.00	30.00	1	30.00					30.00	
	30.00	50.00	1	20.00					20.00	
								Total Qty Work Done	3723.00	Mtr
								Qty Payable in this bill	3716.00	Mtr

Contractor Representative

CIVIL QUALITY CONSULTANTS & ENGINEERS

Consultant Representative

19/8/18

Asst Engineer
Ward no.16,BBMP

19/8/18

Asst.Executive Engineer
Yashwanthapura Sub Division,BBMP

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BRUHAT BANGALORE MAHANAGARA PALIKE

Name Of Work: PROVIDING DRINKING WATER FACILITIES IN JALAHALLI VILLAGE COLONY AND SURROUNDING AREAS IN WARD NO 16 JALAHALLI.

Measurement Sheet

First and Final

Item No:	6									
Item Name:	Providing and fixing gun metal wheel valve conforming to IS specification of approved make as per directions including all lead and lift etc., complete.- for 50mm dia:									
SLNO	CHAINAGE Land Mark		NO	L (m)	B (m)	B1 (m)	Avg B (m)	D (m)	QTY	REMARKS
	from raghavendra sweets to MES main road (LHS)									
			1						1.00	
	from raghavendra sweets to MES main road (RHS)									
			1						1.00	
	7th cross road from indira canteen to 1st main road(LHS)									
			1						1.00	
	6th cross (LHS)									
			1						1.00	
	6th cross (RHS)									
			1						1.00	
	5th cross (LHS)									
			1						1.00	
	5th cross (RHS)									
			1						1.00	
	4th cross upto A cross (LHS)									
			1						1.00	
	3rd cross (LHS)									
			1						1.00	
	2nd main road from circle to 3rd cross connection (LHS)									
			1						1.00	
	2nd main road from circle to 3rd cross connection (RHS)									
			1						1.00	
	3rd cross 1st sub road (LHS)									
			1						1.00	
	3rd cross 2nd sub road (LHS)									
			1						1.00	
	3rd cross 3rd sub road (LHS)									
			1						1.00	
	3rd cross 3rd sub road (LHS) upto A cross sharada ladies tailor									
			1						1.00	
	3rd cross 3rd sub road (RHS) upto A cross sharada ladies tailor									

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SLNO	CHAINAGE		NO	L	B	B1	Avg B	D	QTY	REMARKS
	Land Mark			(m)	(m)	(m)	(m)	(m)		
			1						1.00	
	A cross upto water tank from 4th cross (LHS)									
			1						1.00	
	A cross upto water tank from 4th cross (RHS)									
			1						1.00	
	from 3rd cross sub road to 2nd cross (LHS)									
			1						1.00	
	2nd cross (LHS)									
			1						1.00	
	2nd cross sub road (LHS)									
			1						1.00	
	2nd main road from 3rd cross to 4th cross (LHS)									
			1						1.00	
	2nd main road from 3rd cross to 4th cross (RHS)									
			1						1.00	
	sub road from 5th cross to 4th cross upto hanumanth temple (LHS)									
			1						1.00	
	sub road from 5th cross to 4th cross upto hanumanth temple (RHS)									
			1						1.00	
	4th cross sub road connecting to 3rd cross (LHS)									
			1						1.00	
	4th cross sub road connecting to 3rd cross (RHS)									
			1						1.00	
	3rd main road (RHS)									
			1						1.00	
	3rd main road (LHS)									
			1						1.00	
	6th cross from 4th cross to water tank (LHS)									
			1						1.00	
	6th cross from 4th cross to water tank (RHS)									
			1						1.00	
	from jalahally village bus stop to 9th main road sharadamba nagara (LHS)									
			1						1.00	
	From annapoorenswari coffee work to Jalahalli village Bus									
			1						1.00	

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SLNO	CHAINAGE	NO	L	B	B1	Avg B	D	QTY	REMARKS
	Land Mark		(m)	(m)	(m)	(m)	(m)		
	From annapoorenswari coffee work to Jalahalli village Bus stop(RHS)								
		1						1.00	
							Total Qty Work Done	34.00	No's
							Qty Payable in this bill	30.00	No's

Contractor Representative

Asst Engineer 10/3/18
Ward no.16,BBMP

CIVIL QUALITY CONSULTANTS & ENGINEERS

Consultant Representative

Asst.Executive Engineer
Yashwanthapura Sub Division,BBMP

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